



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 16, 2016

Kristian Paul
Regulatory Affairs Manager
Environmental Science
Bayer CropScience
2 T.W. Alexander Drive
RTP, NC 27709

Subject: Label Amendment – amendment converted from a notification to add marketing claims, update container handling section and make other minor revisions
Product Name: Merit FX Tablet Insecticide
EPA Registration Number: 432-1457
Application Date: 1/16/2015
Decision Number: 499418

Dear Mr. Paul:

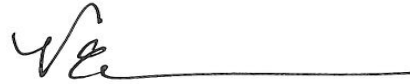
The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Jacquelyn Marchese at 703-347-0559 or via email at marchese.jacquelyn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'VE', followed by a horizontal line extending to the right.

Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

Merit® FXT Tablet Insecticide

ABN: Coretect

[*Popillia japonica* Newman Image]

Editorial Note – [Bracketed text] is optional language

This label contains two separate labels for nursery, landscape, forested areas, greenhouse and interiorscape; and for forestry.

For use in nurseries, landscapes, forested areas, greenhouses and interiorscapes.

For use in forestry.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 20%

OTHER INGREDIENTS: 80%

TOTAL: 100%

Guaranteed Analysis 12-9-4

Total Nitrogen (N).....12.00%

1.30% Ammoniacal Nitrogen

0.70% Other Water Soluble Nitrogen

10.00% Water Insoluble Nitrogen*

Available Phosphate (P2O5).....9.00%

Soluble Potash (K2O).....4.00%

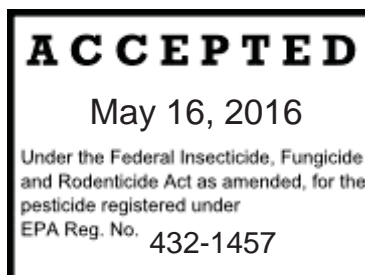
Magnesium (Mg)0.50%

0.50% Water Soluble Magnesium (Mg)

Sulfur (S)3.40%

3.40% Combined Sulfur (S)

Molybdenum (Mo)0.004%



Derived from: Isobutylidene Diurea, Ammonium Phosphate, Ammonium Sulfate, Sulfate of Potash, Magnesium Sulfate and Ammonium Molybdate

F1559

Notice: Forage crops high in molybdenum (Mo) are toxic to ruminant animals. This fertilizer contains molybdenum (Mo) and should not be applied on crops that can be consumed by grazing animals (ruminants).

*10.00% Slowly Available Nitrogen from Isobutylidene Diurea.

*WIN (Water Insoluble Nitrogen) is stated on an unground basis. Powdered or ground samples will analyze at 3.00%.

Information regarding the contents and levels of metals in this product are available on the Internet at

<http://www.aapfco.org/metals.htm>

EPA Reg. No. 432-1457

EPA Est. No. ____

STOP - Read the label before use.

Keep out of reach of children.

CAUTION

See [Back] [Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-331-2867

Sub Label A: For use in nurseries, landscapes, forested areas,
greenhouses and interiorscapes.

GROUP	4A	INSECTICIDE
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Merit FXT Tablet Insecticide

[Popillia japonica Newman Image]

Editorial Note – [Bracketed text] is optional language

For use in landscapes, forested areas, nurseries, greenhouses and interiorscapes.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 20%

OTHER INGREDIENTS: 80%

TOTAL: 100%

[For placement under Fertilizer Guarantee Section

Fertilizer Analysis: X-X-X

Information regarding the contents and levels of metals in this product are available on the Internet at

<http://www.aapfco.org/metals.htm>]

EPA Reg. No. 432-1457

EPA Est. No.

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For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.* Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE):

WPS USES: Applicators and Other Handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170) – must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.
- Shoes plus socks

Non-WPS USES: Applicators and other handlers who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR part 170) – in general, only agricultural plant uses are covered by the WPS, must wear:

- Long-sleeved shirt and pants
- Shoes plus socks
- Gloves

Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Resistance Management Recommendations

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. MERIT FXT contains a Group 4A insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.

The active ingredient in MERIT FXT is a member of the neonicotinoid chemical class. Insect pests resistant to other chemical classes have not shown cross-resistance to MERIT FXT.

Contact your Cooperative extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Use Merit FXT as directed on ornamental trees, shrubs, and plants on home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields, and municipal, city, state, national, and private wooded and forested areas.

Use Merit FXT as directed on ornamental trees, shrubs, and plants in interiorscapes, nurseries and greenhouses.

Restrictions:

- Do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in ground plants.
- Apply only to ornamentals and non-bearing fruit trees. Non-bearing trees are defined as trees that will not bear fruit until at least 1 year after treatment.
- Restriction for Outdoor Use: Do not apply this product, by any application method, to linden, basswood, or other Tilia species.
- Do not apply tablets to saturated soils.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: The Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets off treated area until dry.

LANDSCAPE, INTERIORSCAPES AND FORESTED AREAS*

Merit FXT will control or significantly reduce populations of insects that attack containerized, newly-planted, and established trees. For trees and shrubs grown in landscapes and interiorscapes for more than one year, Merit FXT will provide control of insects for up to one year. The decision to retreat plants in the second year after application should be based on the presence of pests.

Merit FXT is formulated to provide consistent delivery of active ingredient over time. Release of active ingredient is dependent on presence of adequate soil moisture. For best results, irrigate the plant after treatment, and ensure that the plant receives regular irrigation for at least 2-3 months after treatment.

Treatment of containerized or balled and burlapped ornamentals at planting – While planting containerized ornamentals, place the prescribed number of Merit FXT in each planting hole directly underneath the root ball, or 1-4" deep into the root ball after the plant has been placed in the hole and the hole filled with soil. Do not apply tablets if the soil is saturated or if there is water present at the bottom of the planting hole.

Treatment of in-ground and permanently-containerized ornamentals – For best results on established ornamentals, place Merit FXT as close to the fine absorptive roots as possible. For most deciduous trees and shrubs, an adequate number of these absorptive roots are located within 6-24" of the trunk, depending on tree size. Apply Merit FXT 2-5" below the soil surface, next to the plant (ca. within 3-5" of newly planted trees or shrubs, or within 6-24" of well-established ornamentals). Ensure that the tablets are completely covered with soil after application.

For bushy coniferous trees and shrubs, numerous absorptive roots may be located near the drip-line. To apply Merit FXT post-plant to plants with a definite drip-line, place tablets 2-5" below the soil surface, evenly spaced around the tree and along the drip-line. Ensure that the tablets are completely covered with soil after application.

*Natural or planted stands of trees and excludes tree stands in agricultural production systems.

LANDSCAPE, INTERIORSCAPES AND FORESTED AREAS					
Sites	Pest	Container size	Dose (# tablets per pot)		
Ornamental trees, shrubs, and ornamental plants in containers prior to, during or after planting into landscapes and interiorscapes	Adelgids (hemlock woolly adelgid)	< 1 gallon	1		
	Aphids	1 gallon	1-2		
	Flatheaded borers (excluding emerald ash borer)	3 gallon	2-3		
	Leaf-feeding beetles (Japanese beetle and vine weevil adults)	5 gallon	3-4		
	Leaf-feeding bugs (lace bugs, leaf bugs and plant bugs)	7 gallon	4-5		
	Leafhoppers, planthoppers, sharpshooters (glassy-winged sharpshooter) and spittlebugs	10 gallon	5-7		
	Leafminers	Large containers (spaded, balled and burlapped, and pot-in-pot)	2-3 tablets per inch of trunk diameter or per foot of shrub height		
	Mealybugs				
	Pine tip moth larvae				
	Psyllids				
	Roundheaded borers (excluding Asian longhorned beetle)				
	Royal palm bug				
	Sawfly larvae				
	Scales (Brown soft, Camellia, Cottony cushion, European elm, False oleander, Fletcher, Florida red, Florida wax, Green, Green shield, Hemispherical, Indian wax, Lecanium, Magnolia, Oystershell, Striped pine, Tea, Tortoise, Tuliptree, and White peach scales)				
	Thrips (foliage only)				
	White grub, billbug, and root weevil larvae				
	Whiteflies (including fig whitefly)				
	Established or newly-planted ornamental trees and shrubs			2-3 tablets per inch of trunk diameter or per foot of shrub height	
	Adelgids (including hemlock woolly adelgid)				
	Aphids				
	Leaf-feeding beetles (Japanese beetle and vine weevil adults)				
	Leaf-feeding bugs (lace bugs, leaf bugs and plant bugs)				
	Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittlebugs				
	Leafminers				
	Mealybugs				
	Pine tip moth larvae				
Psyllids					
Royal palm bug					
Sawfly larvae					
Soft scales					
Whiteflies					
Armored scales (including Camellia, False oleander, Florida red, Oystershell, Tea, and White peach scales)		3 tablets per inch of trunk diameter or per foot of shrub height			
Flatheaded borers (excluding emerald ash borer)					
Roundheaded borers (excluding Asian longhorned beetle)					
Thrips (foliage only)					
White grub, billbug, and root weevil larvae					
Restriction: Do not apply this product, by any application method, to linden, basswood, or other Tilia species; do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in-ground plants.					

NURSERY AND GREENHOUSE

Merit FXT will control or significantly reduce populations of insects that attack containerized, newly-planted and established trees and shrubs. For trees and shrubs grown in nurseries and greenhouses, Merit FXT will provide control of insects for up to one year. The decision to retreat plants in the second year after application should be based on the presence of pests.

Merit FXT is formulated to provide consistent delivery of active ingredient over time. Release of active ingredient is dependent on presence of adequate soil moisture. Irrigate moderately but thoroughly after application, allowing no leaching and runout from container for at least 3 irrigations or 10 days whichever is longer. Ensure that the plant receives regular irrigation for at least 2-3 months after treatment.

Treatment of containerized ornamental plants - For containerized, balled and burlapped, and pot-in-pot trees and shrubs, place the prescribed number of Merit FXT 1-4" deep into the media, and at least 2" from the outside edge of the container. Ensure that the tablet is completely covered with media after application.

Treatment of bare root seedlings, whips, sticks, cuttings, etc., at planting – Place the prescribed number of Merit FXT in each planting hole or slit, directly underneath to or next to the root system of the plant. Or, place the tablets 1-4" deep into the soil next to the plant (ca. within 2-5") after the plant has been planted and the root system covered with soil. Do not apply tablets if the soil is saturated or if there is water present at the bottom of the planting hole or slit.

Treatment of containerized or balled and burlapped trees and shrubs at planting – While planting containerized trees and shrubs, place the prescribed number of Merit FXT in each planting hole directly underneath the root ball, or 1-4" deep into the root ball after the plant has been placed in the hole and the hole filled with soil. Do not apply tablets if the soil is saturated or if there is water present at the bottom of the planting hole.

Treatment of in-ground trees and shrubs – For best results on established trees and shrubs, place Merit FXT as close to the fine absorptive roots as possible. For most deciduous trees and shrubs, these and adequate number of these absorptive roots are located within 6-24" of the trunk, depending on tree size. Apply Merit FXT 2-5" below the soil surface, next to the plant (ca. within 3-5" of newly planted trees or shrubs, or within 6-24" of well-established ornamentals). Ensure that the tablets are completely covered with soil after application.

For bushy coniferous trees and shrubs, numerous absorptive roots may be located near the drip-line. To apply Merit FXT post-plant to plants with a definite drip-line, place tablets 2-5" below the soil surface, evenly spaced around the tree and along the drip-line. Ensure that the tablets are completely covered with soil after application.

NURSERY AND GREENHOUSE			
Crop	Pest	Container size	Dose (# tablets per pot)
Ornamental trees and shrubs (including non-bearing fruit and nut trees) in containers or in containers prior to planting, during or after planting into landscape environments	Adelgids	< 1 gallon	1
	Aphids	1 gallon	1-2
	Armored scales (suppression)	3 gallon	2-3
	Black vine weevil larvae	5 gallon	3-4
	Flatheaded borers (excluding emerald ash borer)	7 gallon	4-5
		10 gallon	5-7
	Japanese beetle adults	Large containers, or spaded, balled and burlaped, and pot-in-pot ornamentals	2-3 tablets per inch of trunk diameter or per foot of shrub height
	Lace bugs		
	Leaf beetles		
	Leafhoppers (including glassy-winged sharpshooter)		
	Leafminers		
	Mealybugs		
	Pine tip moth larvae		
	Psyllids		
	Roundheaded borers (excluding Asian longhorned beetle)		
	Royal palm bugs		
	Sawfly larvae		
	Soft scales		
	Thrips (foliage only)		
	White grub larvae		
	Whiteflies		
Restriction for Outdoor Use: Do not apply this product, by any application method, to linden, basswood, or other Tilia species; do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in-ground plants.			

NURSERY AND GREENHOUSE		
Crop	Pest	Dose (# tablets)
Newly-planted whips or seedling ornamentals (including non-bearing fruit and nut trees), less than 1" dbh, or less than 1 ft of shrub height	Adelgids	1 tablet per plant for preventative or first onset of infestation 2 tablets per plant - higher rate for heavy pest population
	Aphids	
	Armored scales (suppression)	
	Japanese beetle adults	
	Lace bugs	
	Leaf beetles	
	Leafhoppers (including glassy-winged sharpshooter)	
	Mealybugs	
	Psyllids	
	Soft scales	
	Thrips (foliage feeding)	
	White grub larvae	
	Whiteflies	
	Black vine weevil larvae	2 tablets per plant
	Flatheaded borers (excluding emerald ash borer)	
	Leafminers	
	Pine tip moth larvae	
	Roundheaded borers (excluding Asian longhorned beetle)	
	Royal palm bugs	
	Sawfly larvae	
Restriction for Outdoor Use: Do not apply this product, by any application method, to linden, basswood, or other Tilia species; do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in-ground plants.		

NURSERY AND GREENHOUSE		
Crop	Pest	Dose (# tablets)
Established or newly-planted ornamental trees and shrubs (greater than 1" dbh, or greater than 1 ft of shrub height)	Adelgids Aphids Armored scales (suppression) Black vine weevil larvae Flatheaded borers (excluding emerald ash borer) Japanese beetle adults Lace bugs Leaf beetles Leafhoppers (including glassy-winged sharpshooter) Leafminers Mealybugs Pine tip moth larvae Psyllids Roundheaded borers (excluding Asian longhorned beetle) Royal palm bugs Sawfly larvae Soft scales Thrips (foliage only) White grub larvae Whiteflies	2-3 tablets per inch of trunk diameter or per foot of shrub height
Restriction for Outdoor Use: Do not apply this product, by any application method, to linden, basswood, or other Tilia species; do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in-ground plants.		

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS: 4 x 250 TABLETS PER CASE, 3 Kg (6.6 lbs)/bag, 9 Kg (19.8 lbs)/box

PRODUCED FOR



Bayer Environmental Science

A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709

Sub Label B: For use in forestry.

GROUP	4A	INSECTICIDE
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Merit[®] FXT Tablet Insecticide

[Popillia japonica Newman Image]

Editorial Note – [Bracketed text] is optional language

For use in forestry.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 20%

OTHER INGREDIENTS: 80%

TOTAL: 100%

[For placement under Fertilizer Guarantee Section

Fertilizer Analysis: X-X-X

Information regarding the contents and levels of metals in this product are available on the Internet at

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EPA Reg. No. 432-1457

EPA Est. No.

STOP - Read the label before use.

Keep out of reach of children.

CAUTION

See [Back] [Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

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For **PRODUCT USE** Information Call 1-800-331-2867

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.* Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE):

Applicators and Other Handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Resistance Management Recommendations

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. MERIT FXT contains a Group 4A insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.

The active ingredient in MERIT FXT is a member of the neonicotinoid chemical class. Insect pests resistant to other chemical classes have not shown cross-resistance to MERIT FXT.

Contact your Cooperative extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Merit FXT can be used as directed on trees in Forestry.

Restrictions:

- Do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in ground plants.
- Restriction for Outdoor Use: Do not apply this product, by any application method, to linden, basswood, or other Tilia species.
- Do not apply tablets to saturated soils.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: The Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton
- Shoes plus socks

FORESTRY

Merit FXT will control or significantly reduce populations of insects that attack newly-planted seedlings and seedling trees. The tablet also has been shown to improve survival and growth rates of newly established seedlings and newly planted trees.

Merit FXT is formulated to provide consistent delivery of active ingredient over time. Release of active ingredient is dependent on presence of adequate soil moisture. Ensure that the plant receives adequate soil moisture for at least 2-3 months after treatment.

Treatment of containerized seedlings prior to planting – For containerized plants, place the prescribed number of Merit FXT 1-4" deep into the soil. Ensure that the tablet is completely covered with soil after application.

Treatment of bare-root seedlings, rooted and unrooted cuttings, or small trees at planting – During planting, to maximize uptake by roots place the prescribed number of Merit FXT in each planting hole directly underneath the tree, or next to the tree (i.e., within 1-3") ca. 1-3" deep into soil. Do not apply tablets if the soil is saturated or if there is water present at the bottom of the planting hole.

Treatment of previously planted trees – For best results on newly-planted trees, place Merit FXT as close to the fine absorptive roots as possible. For deciduous and most coniferous trees, an adequate number of these absorptive roots are located within 6-24" of the trunk, depending on tree size. Apply Merit FXT 2-5" below the soil surface, next to the plant (ca. within 3-5" of newly-planted trees, or within 6-24" of well-established trees). Ensure that the tablets are completely covered with soil after application.

For some coniferous trees, the many of the absorptive roots may be located near the drip-line. To apply Merit FXT post-plant to bushy plants with a definite drip-line, place tablets 2-5" below the soil surface, evenly spaced around the tree and along the drip-line. Ensure that the tablets are completely covered with soil after application.

Crop	Pest	Dose	Applications
Poplar and cottonwood plantations	Cottonwood leaf beetle Aphids	1 tablet per tree	Place tablet directly into the planting hole of seedlings, cuttings, or containerized stock at the time of establishment, or next to each plant (ca. within 3" of the seedling) at the time of establishment or as soon as possible after planting.
Conifer plantations	Nantucket pine tip moth Aphids Soft and armored scales	1-2 tablets per tree	Place either one or two tablets directly into the planting hole of either bare-root seedlings or containerized stock at the time of establishment, or the same number of tablets next to each bare-root seedlings or containerized seedling at the time of establishment (ca. within 3" of the seedling) or as soon as possible after planting.
Restriction: Do not apply this product, by any application method, to linden, basswood, or other Tilia species; do not apply more than 450 tablets per acre per calendar year (0.5 lb imidacloprid) to in-ground plants.			

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET WEIGHT/NET CONTENT: 3 Kg (6.6 lbs)/bag, 9 Kg (19.8 lbs)/box

PRODUCED FOR



Bayer Environmental Science

A Division of Bayer CropScience LP
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Merit FXT (PENDING) 12/2/2014, 12/05/2014, 01/16/2015, 02/17/2016, 02/18/2016, 02/26/2016, 03/14/2016, 03/16/2016, 04/11/2016, 05/11/2016, 05/12/2016

[Marketing Claims]

Sub Label A

- For use in Landscapes, Forested Areas, Greenhouses, Nurseries and Interiorscapes
- Tree and Shrub Insecticide Tablets
- Insecticide

Sub Label B

- For use in Forestry